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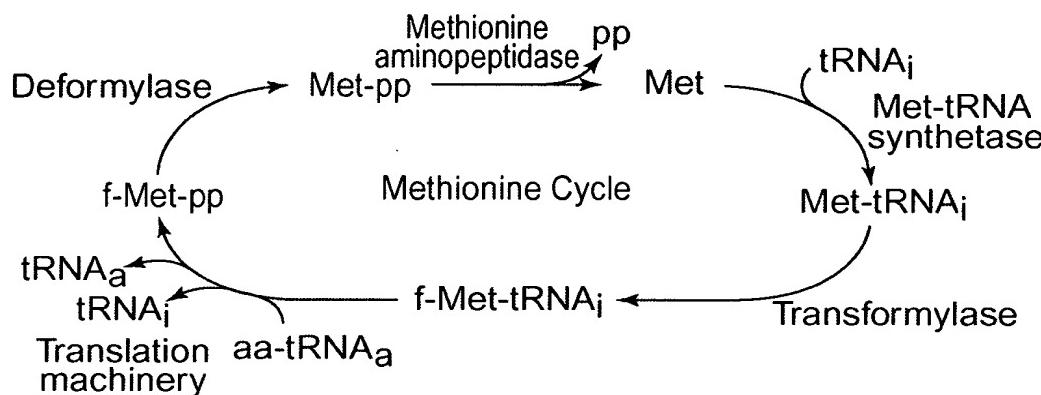


Fig. 1

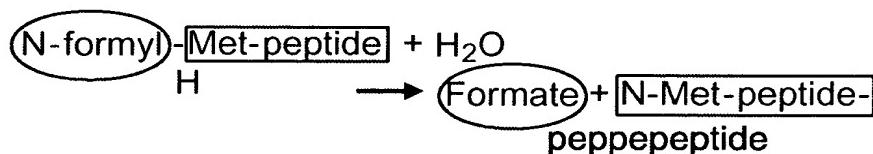


Fig. 2

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1		50
SEQ ID NO:6 Pseudo pdf	~~~~~	M AIKKLVPASH
SEQ ID NO:2 E. coli pdf	~~~~~	SVLQLHIPD
SEQ ID NO:3 Haemop influ	~~~~~	M TALNVLIYPD
SEQ ID NO:4 Bacillus sub	~~~~~	M AVKKVVTHPA
SEQ ID NO:5 Mycopl pneu	MTKILPVSTI SIFRIILILP QINMELLPTK AWLVLDVKE INEPTKPVQF	
SEQ ID NO:1 Active pdf	MYEYLNNLFT VIQ..LKQIK IRKVQYMLTM KDIIRDGHPT LRQKAAELEL	
51		100
Pseudo pdf	PILTAKKAQAV KTFDDSLKRL LQDLEDITMYA .QE <u>AAGLCAP</u> QINQSLQVAI	
E. coli pdf	ERLRKVAKPV EEVNAEIQRRI VDDMFETMYA .EE <u>GIGLAAT</u> QVDIHQRRIIV	
Haemop influ	DHLKVVCEPV TKVNDAIRKI VDDMFDTMYQ .E <u>KGIGLAAP</u> QVDILQRRIIT	
Bacillus sub	EVLETPAETV TVFDKKLKKL LDDMYDTMLE .MD <u>GVGLAAP</u> QIGILKRAAV	
Mycopl pneu	PLDQASLDCI AKMMAYVDAS YNGD.AEKYG IIP <u>GIGIAAN</u> QIGYWQKM.F	
Active pdf	PLTKEEKETL IAMREFLVNS QDEEIAKRYG LRS <u>GVGLAAP</u> QINISKRM.I	
101		150
Pseudo pdfIDMEM.EGLLQLV N.....PKI ISQSNETITD <u>LEGSI</u> LPDV	
E. coli pdfIDVSEN RDER..LVLI N.....PEL LEKSGET.GI <u>EEGCL</u> SIPEQ	
Haemop influIDVEGD KQNQ..FVLI N.....PEI LASEGET.GI <u>EEGCL</u> SIPGF	
Bacillus subVEIGDD R.GR..IDLV N.....PEI LEKSSEQ.TG <u>IEGCL</u> SFPNV	
Mycopl pneu	YIHLMD..GG VEHKCLLINP KIINLSANKS FLKSG..... <u>EGCL</u> SVPKM	
Active pdf	AVLIPDDGSG KSYDYMLVNP KIVSHSVQEA YLPTG..... <u>EGCL</u> SVDDN	
151		200
Pseudo pdf	YG.EVTRSKM IVVESYD.VN GNKVELTAHE DVARMIL <u>HII</u> <u>DQMNGIPFTE</u>	
E. coli pdf	RA.LVPRAEK VKIRALD.RD GKPFELEADG LLAICIQ <u>HEM</u> <u>DHLVGKLFMD</u>	
Haemop influ	RA.LVPRKEK VTVRALD.RD GKEFTLDADG LLAICIQ <u>HEI</u> <u>DHLNGILFVD</u>	
Bacillus sub	YG.DVTRADY VKVRAFN.RQ GKFLEARG FLARAV <u>QHEM</u> <u>DHLGVLFTS</u>	
Mycopl pneu	HQGYVIRHEW ITITGFDWLQ QKEITITATG LFGMC <u>QHEF</u> <u>DHLQGRFYHH</u>	
Active pdf	VAGLVHRHN <u>I</u> ITIKAKD.IE GNDIQLRLKG YPAIVF <u>QHEI</u> <u>DHLNGVMFYD</u>	
201		235
Pseudo pdf	RADRILTDKE VEAYFINDRS HHHHHH ~~ ~~~~	
E. coli pdf	YLSPLKQQRI RQKVEKLDRL KARA~~~~~ ~~~~	
Haemop influ	YLSPLKRQRI KEKLIKYYKKQ IAKS~~~~~ ~~~~	
Bacillus sub	KISKYYTEDE LADMEG~~~~~ ~~~~~~ ~~~~	
Mycopl pneu	RINPLNPLFT NKEWKVINPA LSDSE~~~~~ ~~~~	
Active pdf	HIDKDHPQLQH HTDAVEVH <u>O</u> HHH~~~~~ ~~~~	

Fig. 3

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MW Stds.
Pseudo PDF
Pseudo PDF
PDF 1
PDF 1
PDF 2
PDF 2
MW Stds.

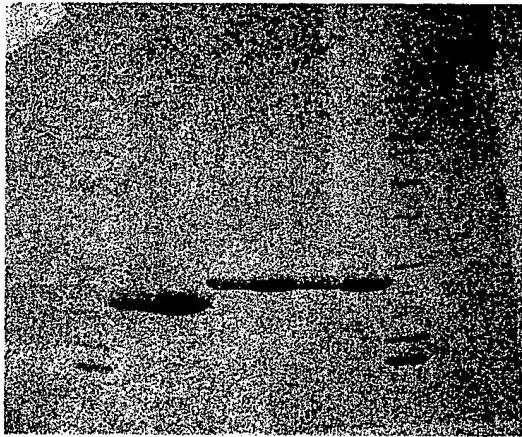


Fig. 4

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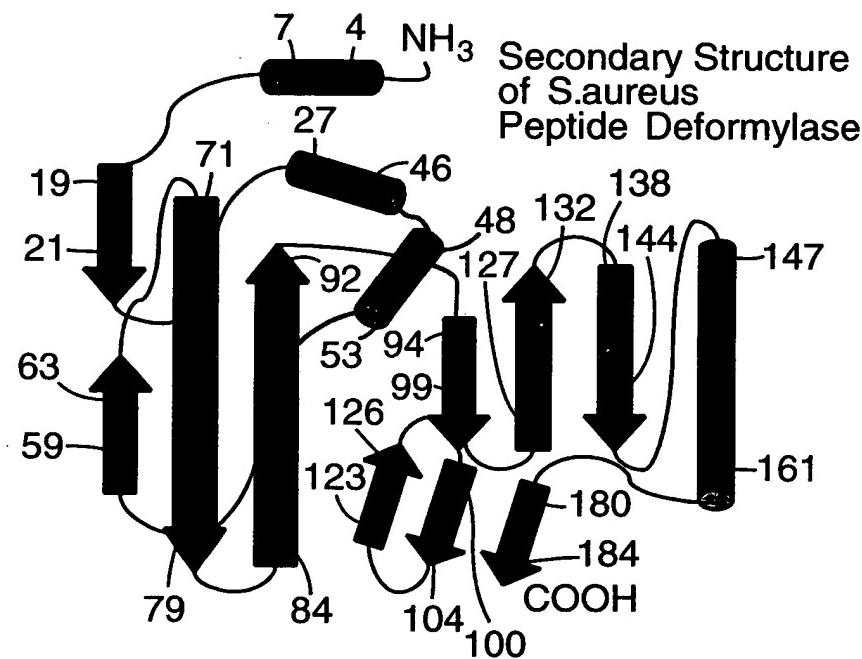


Fig. 5

PDF Secondary Structure



Fig. 6

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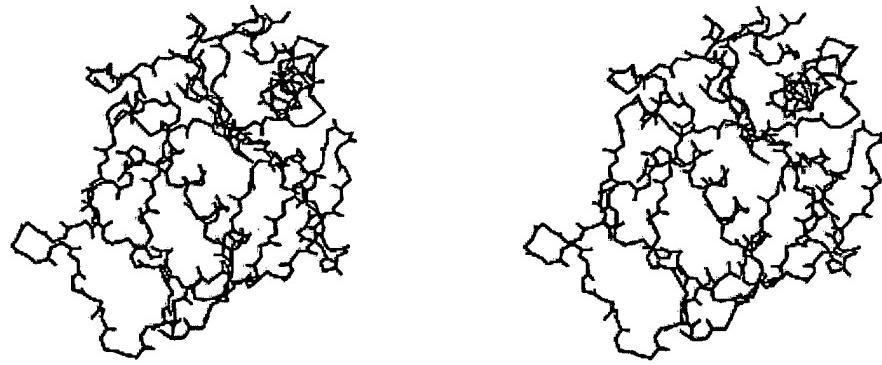


Fig. 7

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Electrostatic Surface
of S.aureus PDF

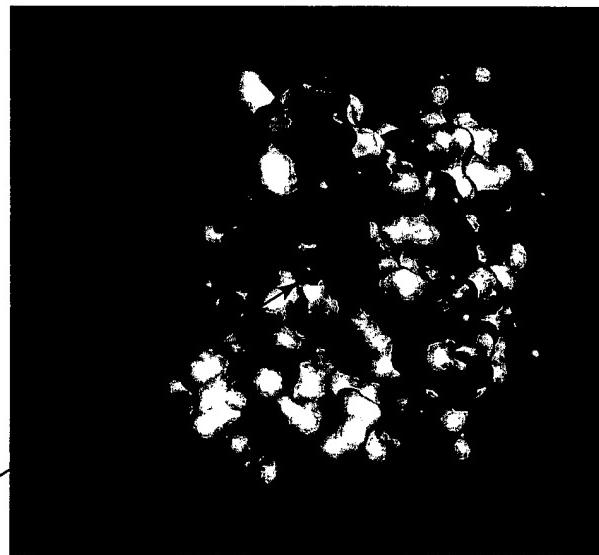


Fig. 8

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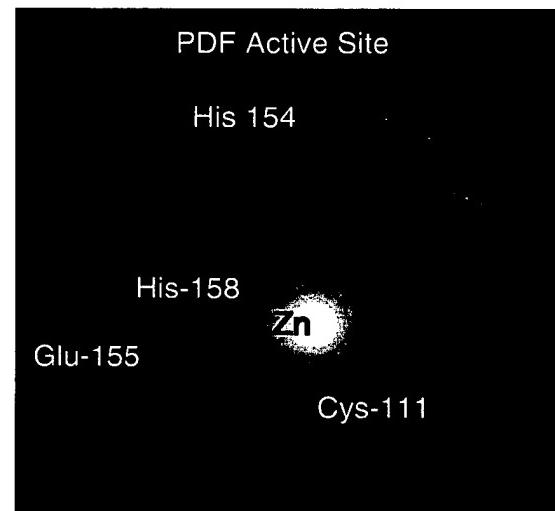


Fig. 9

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SEQ ID NO:7	<i>S.aureus</i>	MLTMKDIIRDGHLRQKAAELEPLTEEKETLIMREFLVNSQDEEIAKRYG
SEQ ID NO:8	<i>E.coli</i>	SV LRKVAKPVEEV EIQRIVDMFETMY
	<i>S.aureus</i>	VGGLAAPQINISKRMIAVLIPDDGSGKSYDLVNPKIVS SVQEAYLPTEGCL
	<i>E.coli</i>	GIGLAATQVDIHQRILLVIDVSEN LINPELLE S GETGI EGCL
	<i>S.aureus</i>	VDDNVALVHRHNRI IKAKDIEGNDIQRLKGYPAIVFQHEIDHLNGVMFYDH
	<i>E.coli</i>	IPEQR LVPRAEKVIRALDRDGKPFELEADGLAICIQHEMDHLVGKLFMDYL
	<i>S.aureus</i>	DKDHPIQPHTDAVEVHHH
	<i>E.coli</i>	SPLKQQRIRQKVEKLDRLK

Fig. 10

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S.aureus PDF



Fig. 11a

E.coli PDF

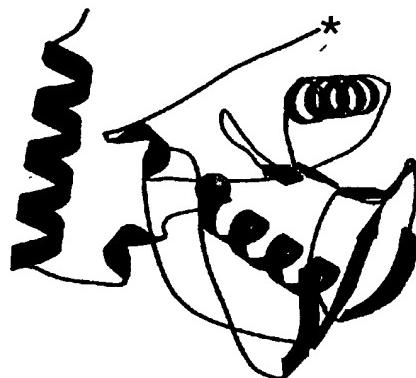


Fig. 11b

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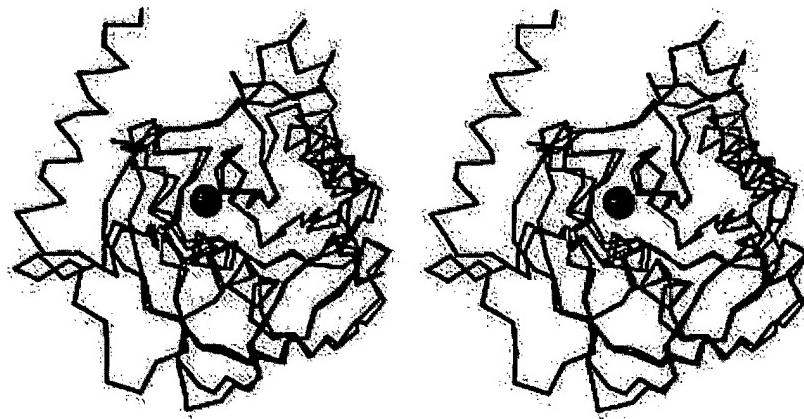


Fig. 12

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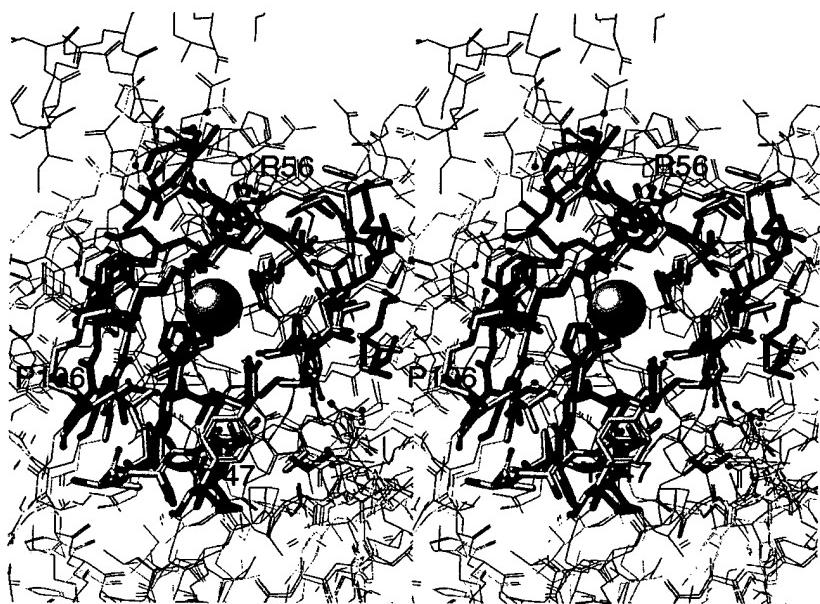


Fig. 13

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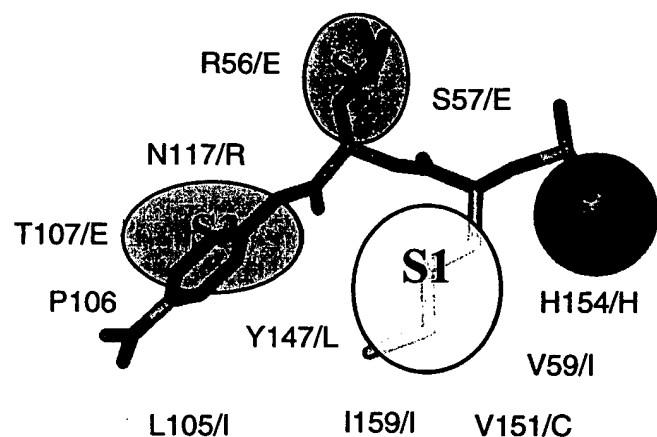


Fig. 14a

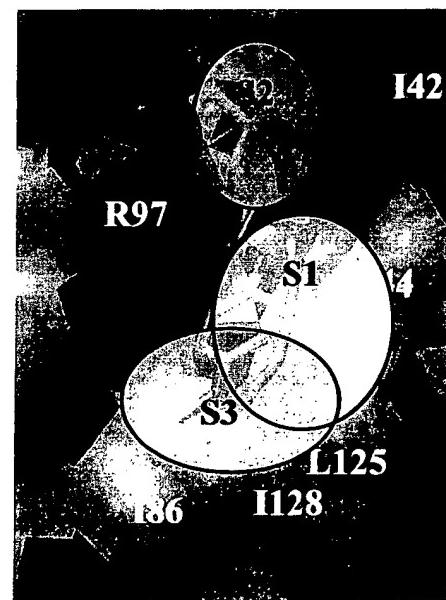


Fig. 14b

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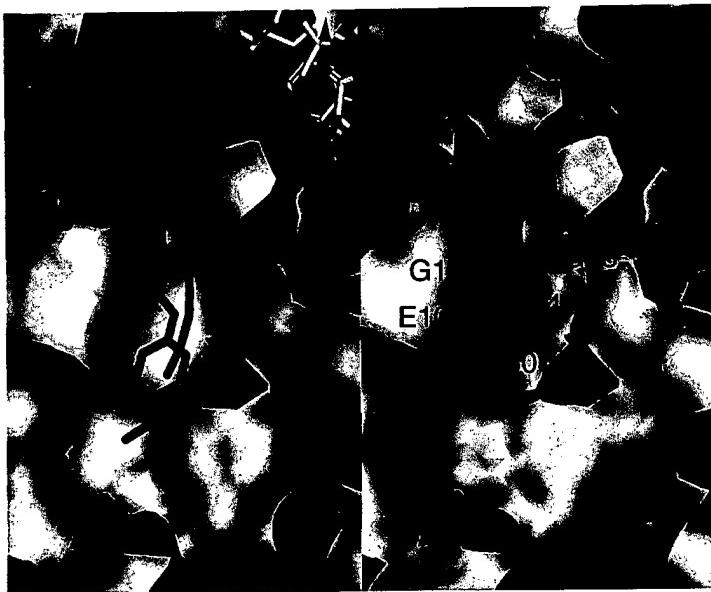


Fig. 15

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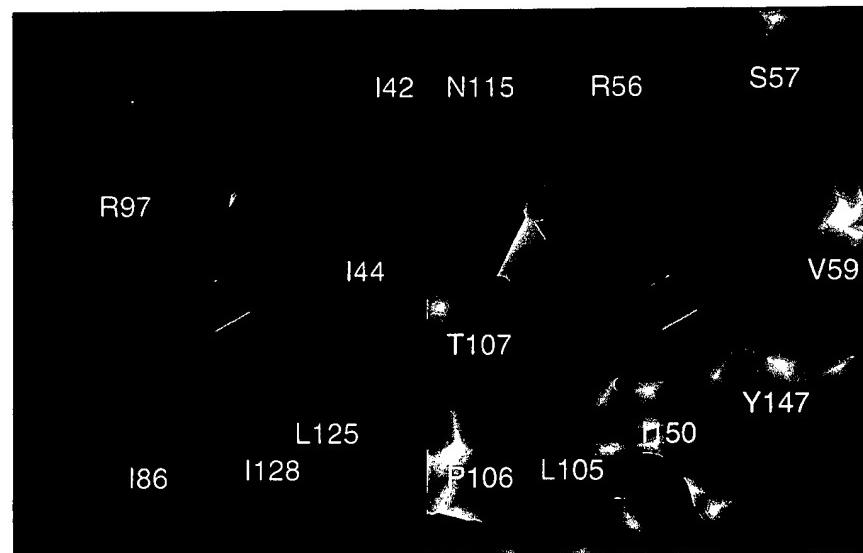


Fig. 16

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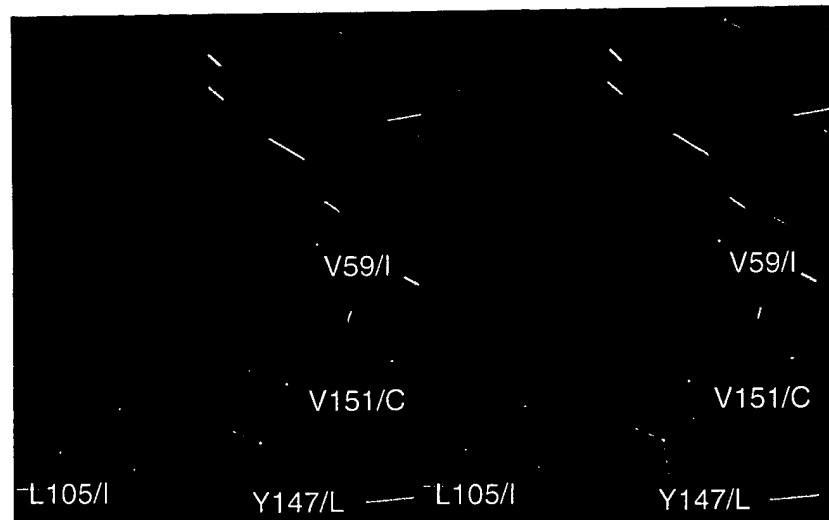


Fig. 17

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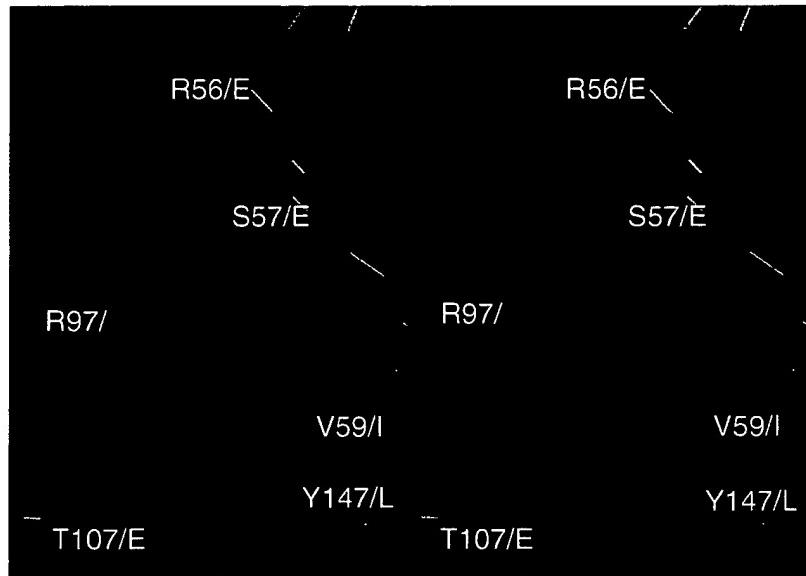


Fig. 18

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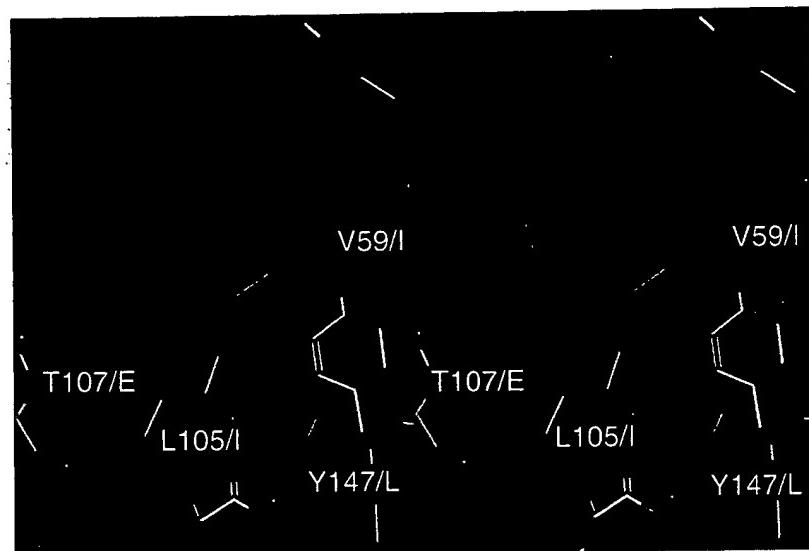


Fig. 19